

CYNTHIA D. MAHR  
DIRECTOR OF  
FINANCE AND OPERATIONS

TO: Alan Oliff  
Weston School Committee

FROM: Cynthia D. Mahr

DATE: October 24, 2007

RE: 2007-2008 Enrollment Report and Projections

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The school year 2007-2008 enrollment report has been divided into three sections. The first section provides the October 1 enrollment data in terms of historical information as well as in relation to previous projections. The second section provides class size data for the middle and high schools. The third section provides historical Weston birth data and census data to develop enrollment projections for future years.

### **Section I: Enrollment and October 1 Data**

#### **Table A: K-12 Enrollment Report**

Overall, we are 29 students above our projection and 18 students over the October 1, 2006 count. The significant variances in the projection figures are apparent in Grades K, 3, 5 and 9. Based on the spike in enrollment in Grade 5 this year, a ninth section was added at Field School.

Historically, we experience a drop in enrollment in the transition between Grade 8 and Grade 9. The projected cohort change was expected to decrease by 10 students. Instead, we have an increase of 2 students from Grade 8 to Grade 9. As Table L demonstrates the Grade 8 to Grade 9 transition typically experiences a drop in excess of 10 students. The trend is now showing a flat to an increasing number of students transitioning from Grade 8 to Grade 9.

#### **Table B: K-12 Enrollment Report Distribution by Residency**

#### **Table C: Trend in Enrollment Distribution by Residency**

The majority of the students attending Weston schools are residents, 91.3%. In addition, there are 166 METCO students (7.0%) and 40 children of faculty and staff (1.7%). Over the last 10 years, Weston's enrollment has grown by 301 students. The breakout of this growth includes an additional 294 resident students, an additional 10 METCO students, and a reduction of 3 students of faculty and staff.

#### **Table D: October 1 Fluctuations From Projected Enrollments**

Accurate enrollment projections are challenging. The projection method used by Weston is a commonly used method of calculating the ratio of births to Kindergarten enrollments over a period of time. The birth data source is the Massachusetts Department of Public Health. The

enrollment projections for Grade 1 to Grade 12 are based on historical cohort changes. The Town Clerk's office provides the census data.

Table D summarizes the October 1 fluctuations to the projected enrollments. As previous tables have shown, the current year enrollment was higher than projected by 29 students. The significant variances in the projection figures are apparent in Grades K, 3, 5 and 9. In Kindergarten, the projection was over-projected by 17 students. The projections for Grade 3, 5, and 9 were under-projected by 6, 6, and 12 respectively.

#### **Table E: Percentage of Weston Resident Children in Private School**

Each year, private schools report the number of Weston residents enrolled in their school. Based on this data, a report is filed with the Massachusetts Department of Education each January. During the past year, the Business Office and Town Clerk's Office have been working collaboratively to improve the accuracy of the data. This year, we reviewed the census data and the self-reported numbers by the private school to capture the number of Weston children enrolled in private school. Although we have cleaned up this process, additional work is necessary to refine the process.

Historically, Weston's school-aged children enrolled in private schools range between 15% and 19% of total enrollments. These numbers do not reflect the special education students in residential placements. In school year 2007-2008, 18.9% of Weston resident children are enrolled in private school.

## **Section II: Middle and High School Class Size Review**

#### **Table F: Course Sections Above 25 and Under 10 in Size**

Based on a review of the Middle and High Schools course selection list as of October 5, 2007, a number of courses have enrollments in excess of 25 students and one course with less than 10 students.

At the High School, classes in excess of 25 students are, for the majority, not core subject areas. Similar to last years' data, many of the music sections, such as orchestra and chorus, are by the nature of the discipline, larger than the twenty-five guideline cap. The High School has only one course under 10 students: Art III/IV.

Similar to the High School, the Middle School courses in excess of 25 students are reflected in various music course selections such as band and chorus. We are fortunate to have a very popular and successful music program. There are four sections of Spanish 8; one of the four courses is over-subscribed by 3 students. The Middle School has no courses with an enrollment of 10 students or less as indicated in Table F.

Due to the nature of smaller classes in special education and topic courses, these courses were not included in the analysis.

#### **Table G: Middle School Section Size Distribution**

#### **Table H: High School Section Size Distribution**

Tables G and H analyze the class size of the core subject areas in the Middle and High Schools.

Table G analyzes the section size distribution for the Middle School. English, Social Studies, Math and Science have similar ranges in both the number of sections and size of sections. These range from 14 to 25 students per section. In World Language, class sizes range from 10 to 28 students. In addition, the World Language conducts more classes with 17 or fewer students than the other core subjects.

Table H analyzes the section size distribution for the High School. The High School distribution is much broader than the Middle School. For instance, the High School has 40 courses with 15 or fewer students enrolled compared to 11 at the Middle School.

The mean and median calculations are shown on both Table G and H. Table I provides a historical view of these calculations.

**Table I: Section Size Statistics for Certain Departments (Middle and High School)**

Table I provides the statistical data referred to in Tables G and H. The table provides historical class size ranges and mean and median calculations for the Middle and High Schools from school year 1998-1999 through the present. The average class size at the High School has increased from last year from 19.9 average students per core course to 20.2. The average class size at the Middle School has increased from last year from 20.7 average students per core course to 21.2.

As the table indicates, the historical data has been consistent. Median values range from 19 to 23 over the past two years. The mean values range from 17.5 to 22.4 over the same time period.

**Section III: Enrollment Projections**

**Table J: Census and Birth Data**

Table J examines the various attributes contributing to the enrollment projection. The first chart is titled Census of Residents Age 0 – 5 as of January 1. This information is provided by the Town Clerk’s Office on an annual basis. Based on the census figures, the overall population of pre-Kindergarten aged children in Weston has dropped for the 6<sup>th</sup> consecutive year.

The second table provides historical data on the total number of births by Weston residents from 1970 to the present. The Town Clerk’s office, as well as the Massachusetts Department of Public Health (DPH) provides this data.

**Table K: Kindergarten Projection**

**Table L: K-12 Enrollment History and Projections as of October 1, 2007**

Table K details the enrollment projection methodology for Kindergarten. This spreadsheet calculates the ratio of Weston birth data to actual kindergarten enrollments from school year 1993-1994 through the present. Three ratios are then developed: 10-year, 5-year and 3-year. Below are the projected Kindergarten enrollments based on the application of the three differing ratios:

Ratio	Projected Enrollment
10-year (1.45)	133
5-year (1.39)	128
3-year (1.39)	128

Based on the quality of education provided by the Weston Public Schools, families are apt to move into town when their children reach school age. This information influenced the decision to utilize the 10-year ratio of 1.45. This results in a Kindergarten projection figure of 133 students.

Table L provides the projection methodology for the Grade 1 to Grade 12 enrollments. Historical cohort variances are applied to the October 1 enrollment data to calculate a projection for the future years. Table L recommends an overall enrollment projection of 2,365 or an increase of 2 students.

As discussed in the introduction, there are other attributes that impact enrollments. Additional information about this topic will be discussed below.

### **Additional Information**

As part of the Field School Feasibility, we have contracted with the New England School Development Council (NESDEC) to conduct a long-range demographic and enrollment projection.

NESDEC will collect and analyze a number of data elements including in and out migration, resident ages, building permits issued, open space, local zoning by-laws, etc. I have begun to look at this data. Table M outlines the number of building permits issued over the past 11 years. In 2006, the Town issued 24 permits for new construction and 201 permits for additions/renovations. The 10-year average is 38.3 permits for new construction and 207.2 for additions/renovations.

Surrounding communities are also experiencing the out migration of retirees and / or “empty nesters”. These houses are then sold to families with children at or near school age, thus increasing the overall enrollment numbers. Although I am unsure if Weston is experiencing this issue, I have attached Table M showing the year of birth and age of the current residents in Weston. There are currently 1,562 residents aged 67 and older. This represents 14.4% of the total population, a drop of 0.8% from last year. There are 3,789, or 34.8%, individuals between the age of 27 and 56. This age range represents the most likely age to parent a school-aged child.

Quality data is key to accurate enrollment projection. Since much of our data is obtained through the Town Clerk’s office, we continue to discuss ways the School Department can assist the Town Clerk’s office in obtaining information, especially census data, in a more expediently and accurate basis.

### **Summary**

In summary, the school year 2007-2008 enrollments reflect an overall increase in the number of students attending Weston Public Schools. Grades 1, 3, 5 and 12 experienced the largest increases compared to the projections.

The school year 2008 – 2009 enrollment projection is 2,365 students in Kindergarten through Grade 12. This represents an increase of 2 students from the October 1, 2007 count. The Kindergarten projection is 133 students. This represents a decrease of 8 students from the current enrollment of 141 students.

I look forward to discussing this with you and providing additional information as needed.  
Thank you.

**RECOMMENDED ACTION:** That the Weston School Committee receive the 2007-2008 Enrollment Report and vote to adopt Table L: K-12 Enrollment History and Projection for the Fiscal Year 2009 budgeting purposes.

Attachments

Cc: Cheryl Maloney, Asst. Superintendent

K-12 Enrollment Report  
Based on October 1, 2007 Enrollments

Grade	2006-07 Actual	2007-08 Projected	2007-08 Actual as of October 1, 2007	Difference from Projection	% Difference from Projection	Projected Cohort Change	Actual Cohort Change	2006-07 Class Size Avg	Class Size Range	Class Size Target
K	171	158	141	(17)	-10.8%			17.6	17 - 21	19
1	146	179	183	4	2.2%	8	12	20.3	17 - 21	19
2	180	156	151	(5)	-3.2%	10	5	18.9	18 - 22	20
3	200	185	191	6	3.2%	5	11	21.2	18 - 22	20
<b>Sub-total</b>	<b>697</b>	<b>678</b>	<b>666</b>	<b>(12)</b>	<b>-1.8%</b>					
4	181	200	204	4	2.0%	0	4	22.7	20 - 24	22
5	212	182	188	6	3.3%	1	7	20.9	20 - 24	22
<b>Sub-total</b>	<b>393</b>	<b>382</b>	<b>392</b>	<b>10</b>	<b>2.6%</b>					
<b>K-5 Total</b>	<b>1,090</b>	<b>1,060</b>	<b>1,058</b>	<b>(2)</b>	<b>-0.2%</b>					
6	179	211	216	5	2.4%	(1)	4	21.6		
7	183	179	183	4	2.2%	0	4	22.9		
8	183	182	184	2	1.1%	(1)	1	23.0		
<b>MS Total</b>	<b>545</b>	<b>572</b>	<b>583</b>	<b>11</b>	<b>1.9%</b>					
9	179	173	185	12	6.9%	(10)	2			
10	170	178	181	3	1.7%	(1)	2			
11	184	166	171	5	3.0%	(4)	1			
12	177	185	185	0	0.0%	1	1			
<b>HS Total</b>	<b>710</b>	<b>702</b>	<b>722</b>	<b>20</b>	<b>2.8%</b>					
<b>Grade 6 - Grade 12 Total</b>	<b>1,255</b>	<b>1,274</b>	<b>1,305</b>	<b>31</b>	<b>2.4%</b>					
<b>Grade K - Grade 12 Total</b>	<b>2,345</b>	<b>2,334</b>	<b>2,363</b>	<b>29</b>	<b>1.2%</b>					

Elementary Breakout	K	1	2	3	Total
Country	71	102	75	85	333
Woodland	70	81	76	106	333
<b>Total</b>	<b>141</b>	<b>183</b>	<b>151</b>	<b>191</b>	<b>666</b>

**K-12 Enrollment Report**  
**Based on October 1, 2007 Enrollments**  
**Distribution by Residency**

Grade	2007-08 Actual as of October 1, 2007	Residents	Exchange	Percent Residents and Exchange	METCO	Percent METCO	Children of Faculty & Staff	Percent Faculty & Staff
K	141	121		85.8%	15	10.6%	5	3.5%
1	183	169		92.3%	14	7.7%	0	0.0%
2	151	130		86.1%	17	11.3%	4	2.6%
3	191	173		90.6%	16	8.4%	2	1.0%
<b>Sub-total</b>	<b>666</b>	<b>593</b>		<b>89.0%</b>	<b>62</b>	<b>9.3%</b>	<b>11</b>	<b>1.7%</b>
4	204	192		94.1%	11	5.4%	1	0.5%
5	188	171		91.0%	15	8.0%	2	1.1%
<b>Sub-total</b>	<b>392</b>	<b>363</b>		<b>92.6%</b>	<b>26</b>	<b>6.6%</b>	<b>3</b>	<b>0.8%</b>
<b>K-5 Total</b>	<b>1,058</b>	<b>956</b>		<b>90.4%</b>	<b>88</b>	<b>8.3%</b>	<b>14</b>	<b>1.3%</b>
6	216	193		89.4%	20	9.3%	3	1.4%
7	183	170		92.9%	12	6.6%	1	0.5%
8	184	169		91.8%	11	6.0%	4	2.2%
<b>MS Total</b>	<b>583</b>	<b>532</b>		<b>91.3%</b>	<b>43</b>	<b>7.4%</b>	<b>8</b>	<b>1.4%</b>
9	185	172		93.0%	7	3.8%	6	3.2%
10	181	173		95.6%	7	3.9%	1	0.6%
11	171	158	2	92.4%	8	4.7%	3	1.8%
12	185	164		88.6%	13	7.0%	8	4.3%
<b>HS Total</b>	<b>722</b>	<b>667</b>	<b>2</b>	<b>92.7%</b>	<b>35</b>	<b>4.8%</b>	<b>18</b>	<b>2.5%</b>
<b>6-12 Total</b>	<b>1,305</b>	<b>1,199</b>	<b>2</b>	<b>92.0%</b>	<b>78</b>	<b>6.0%</b>	<b>26</b>	<b>2.0%</b>
<b>K-12 Total</b>	<b>2,363</b>	<b>2,155</b>	<b>2</b>	<b>91.3%</b>	<b>166</b>	<b>7.0%</b>	<b>40</b>	<b>1.7%</b>

Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table C

Trend in Enrollment Distribution by Residency as of October 1, 2007

	Elementary Schools			Middle School			High School			Totals			Total Students
	Residents	Metco	Faculty & Staff Children	Residents	Metco	Faculty & Staff Children	Residents	Metco	Faculty & Staff Children	Total Residents	Total Metco	Total Faculty & Staff Children	
1998-99 #	977	87	19	450	38	16	436	31	8	1,863	156	43	2,062
%	90.2%	8.0%	1.8%	89.3%	7.5%	3.2%	91.8%	6.5%	1.7%	90.3%	7.6%	2.1%	
1999-00 #	1,004	81	22	490	40	15	454	35	8	1,948	156	45	2,149
%	90.7%	7.3%	2.0%	89.9%	7.3%	2.8%	91.3%	7.0%	1.6%	90.6%	7.3%	2.1%	
2000-01 #	1,007	83	24	500	40	18	494	36	13	2,001	159	55	2,215
%	90.4%	7.5%	2.2%	89.6%	7.2%	3.2%	91.0%	6.6%	2.4%	90.3%	7.2%	2.5%	
2001-02 #	1,011	80	21	498	41	20	526	39	18	2,035	160	59	2,254
%	90.9%	7.2%	1.9%	89.1%	7.3%	3.6%	90.2%	6.7%	3.1%	90.3%	7.1%	2.6%	
2002-03 #	981	81	19	523	41	18	577	36	21	2,081	158	58	2,297
%	90.7%	7.5%	1.8%	89.9%	7.0%	3.1%	91.0%	5.7%	3.3%	90.6%	6.9%	2.5%	
2003-04 #	998	82	17	515	37	15	603	39	22	2,116	158	54	2,328
%	91.0%	7.5%	1.5%	90.8%	6.5%	2.6%	90.8%	5.9%	3.3%	90.9%	6.8%	2.3%	
2004-05 #	974	89	14	521	28	11	613	42	27	2,108	159	52	2,319
%	90.4%	8.3%	1.3%	93.0%	5.0%	2.0%	89.9%	6.2%	4.0%	90.9%	6.9%	2.2%	
2005-06 #	969	89	12	501	29	13	624	41	21	2,094	159	46	2,299
%	90.6%	8.3%	1.1%	92.3%	5.3%	2.4%	91.0%	6.0%	3.1%	91.1%	6.9%	2.0%	
2006-07 #	981	96	13	503	31	11	652	40	18	2,136	167	42	2,345
%	90.0%	8.8%	1.2%	92.3%	5.7%	2.0%	91.8%	5.6%	2.5%	91.1%	7.1%	1.8%	
2007-08 #	956	88	14	532	43	8	669	35	18	2,157	166	40	2,363
%	90.4%	8.3%	1.3%	91.3%	7.4%	1.4%	92.7%	4.8%	2.5%	91.3%	7.0%	1.7%	



Weston Public Schools  
Weston, Massachusetts

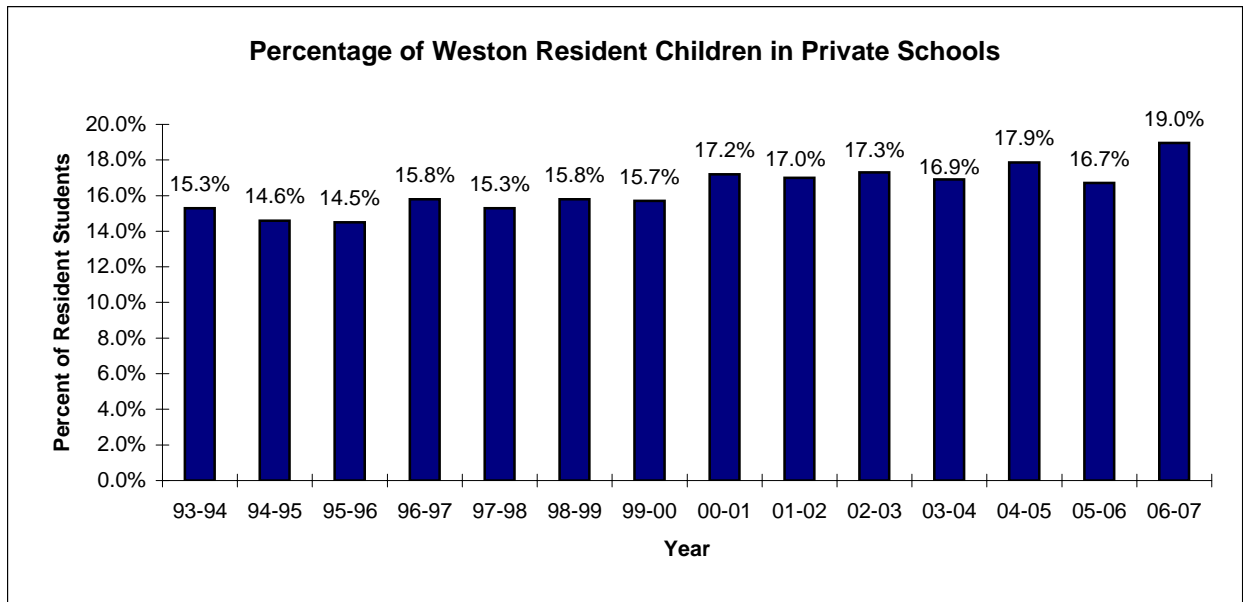
Enrollment Report  
Table D

October 1 Fluctuations From Projected Enrollments

GRADE	1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006																				Mean Diff (Regardless of Sign)	2007	Years Over	Years Even	Years Under		
	K	19	(3)	21	(28)	(21)	(11)	46	(2)	(6)	16	(27)	0	1	(2)	8	(3)	(9)	(30)	(17)	16	(5)	20	13.2	(17)	8	1
1	1	(10)	(8)	2	9	7	0	17	0	2	(1)	(8)	(3)	1	1	1	(5)	6	(3)	0	0	3.9	4	12	4	7	
2	4	(2)	(10)	(2)	(3)	(2)	18	(1)	(8)	(6)	(4)	2	15	9	(10)	(3)	(12)	(1)	14	1	8	(5)	6.3	(5)	8	0	15
3	8	(2)	(3)	1	6	6	13	(4)	2	(11)	(6)	1	10	(1)	0	(3)	(4)	(17)	2	1	3	12	4.7	6	13	1	9
4	2	(9)	0	4	(6)	3	6	0	(8)	(2)	2	(1)	12	(4)	0	1	(5)	1	(1)	(9)	1	(4)	3.5	4	10	3	10
5	(6)	2	0	1	(3)	2	6	(3)	(3)	2	1	(1)	3	2	3	(2)	(5)	1	1	(6)	(3)	7	2.5	6	13	1	9
K - 5	28	(24)	0	(22)	(18)	5	89	7	(23)	1	(35)	(7)	38	5	2	(9)	(34)	(51)	5	0	4	30	18.5	-2	11	2	10
6	(1)	3	4	(5)	(1)	(5)	2	4	(8)	3	1	(1)	(3)	(1)	(3)	2	(4)	(3)	(7)	2	10	(1)	3.3	5	10	0	13
7	2	2	0	3	(5)	0	5	(11)	5	10	0	(5)	3	(6)	(5)	(3)	(5)	5	1	1	(8)	9	4.0	4	12	3	8
8	(2)	(1)	(4)	(1)	(6)	0	2	5	1	0	1	0	4	3	(1)	1	(7)	5	2	(6)	2	(3)	2.5	2	11	3	9
6 - 8	(1)	4	0	(3)	(12)	(5)	9	(2)	(2)	13	2	(6)	4	(4)	(9)	0	(16)	7	(4)	(3)	4	5	5.0	11	9	2	12
9	2	(9)	2	6	(7)	1	6	5	(3)	6	(2)	(12)	(19)	(8)	20	0	1	(2)	(2)	(4)	(3)	12	5.5	12	11	1	11
10	(1)	(9)	(1)	2	(2)	6	6	(5)	(5)	0	(7)	0	9	3	(5)	3	(5)	6	(7)	1	9	(1)	4.2	3	10	2	11
11	(4)	1	9	(13)	(2)	7	0	(2)	(2)	10	1	1	(11)	(2)	6	1	(3)	(4)	(4)	4	(4)	2	4.1	5	11	1	11
12	(3)	2	3	7	3	2	(3)	(4)	1	5	(3)	(2)	(1)	2	(5)	5	7	2	(1)	(1)	0	3	2.8	0	12	2	9
9 - 12	(6)	(15)	13	2	(8)	16	9	(6)	(9)	21	(11)	(13)	(22)	(5)	16	9	0	2	(14)	0	2	16	9.0	20	11	2	10
K - 12	21	(35)	13	(23)	(38)	16	107	(1)	(34)	35	(44)	(26)	20	(4)	9	0	(50)	(42)	(13)	(3)	10	51	24.8	29	10	1	12

Percentage of Weston Resident Children in Private Schools  
(as of October 1, 2007)

Year	Percentage
93-94	15.3%
94-95	14.6%
95-96	14.5%
96-97	15.8%
97-98	15.3%
98-99	15.8%
99-00	15.7%
00-01	17.2%
01-02	17.0%
02-03	17.3%
03-04	16.9%
04-05	17.9%
05-06	16.7%
06-07	19.0%



**Course Sections Above 25 and Under 10 in Size**

<u>Classes Over 25 as of 10/5/07</u>				<u>Classes Over 25 as of 10/5/07</u>			
HS	<b>65102 Latin II</b>	<b>(1 of 2)</b>	<b>27</b>	MS	<b>56101 Spanish 6</b>	<b>(1 of 10)</b>	<b>27</b>
	80904 Career Seminar	(1 of 8)	27		<b>58104 Spanish 8</b>	<b>(1 of 4)</b>	<b>28</b>
	81106 Sr. Intern	(1 of 7)	40		76001 Phys. Ed. 6	(1 of 12)	27
	81113 Sr. Intern	(1 of 7)	28		76005 Phys. Ed. 6	(1 of 12)	26
	81114 Sr. Intern	(1 of 7)	28		76102 Health 6	(1 of 10)	29
	77001 Concert Band	(1 of 1)	70		76103 Health 6	(1 of 10)	29
	77101 Wind Ensemb	(1 of 1)	62		76104 Health 6	(1 of 10)	27
	77501 Orchestra	(1 of 1)	27		77003 Phys. Ed. 7	(1 of 9)	26
	78501 Chorus	(1 of 3)	45		77004 Phys. Ed. 7	(1 of 9)	27
	78502 Chorus	(1 of 3)	38		77008 Phys. Ed. 7	(1 of 9)	26
	78503 Chorus	(1 of 3)	32		86007 Art 6	(1 of 10)	27
	79501 Concert Choir	(1 of 1)	42		86203 Drama 6	(1 of 10)	26
	82002 Guid Seminar	(1 of 8)	27		86207 Drama 6	(1 of 10)	31
	82006 Guid Seminar	(1 of 8)	27		86603 Music 6	(1 of 10)	27
	82009 Guid Seminar	(1 of 8)	27		86607 Music 6	(1 of 10)	30
	98201 Health	(1 of 8)	27		86806 Comp Lit 6	(1 of 10)	26
	98202 Health	(1 of 8)	29		86807 Comp Lit 6	(1 of 10)	27
	98206 Health	(1 of 8)	30		87201 Drama 7	(1 of 8)	26
	98601 Phys Ed 12	(1 of 8)	20		88203 Act/Imp 8	(1 of 4)	28
	98602 Phys Ed 12	(1 of 8)	28		90001 Madrigals	(1 of 1)	41
	98603 Phys Ed 12	(1 of 8)	21		90101 Chorus 6	(1 of 1)	66
	98605 Phys Ed 12	(1 of 8)	23		90201 Chorus 7	(1 of 1)	67
	98606 Phys Ed 12	(1 of 8)	28		90301 Chorus 8	(1 of 1)	73
	98607 Phys Ed 12	(1 of 8)	18		90401 Band 7	(1 of 1)	53
	98608 Phys Ed 12	(1 of 8)	18		90501 Band 8	(1 of 1)	53
	98609 Phys Ed 12	(1 of 8)	28		90601 Jazz Band	(1 of 1)	30
	99001 Phys Ed 09	(1 of 8)	27		90701 Orchestra 7/8	(1 of 1)	35
	99002 Phys Ed 09	(1 of 8)	27		90801 Band 6	(1 of 1)	83
	99003 Phys Ed 09	(1 of 8)	23				
	99004 Phys Ed 09	(1 of 8)	18				
	99005 Phys Ed 09	(1 of 8)	30				
	99006 Phys Ed 09	(1 of 8)	16				
	99007 Phys Ed 09	(1 of 8)	21				
	99008 Phys Ed 09	(1 of 8)	23				

<u>Under 10 as of 10/5/07</u>				<u>Under 10 as of 10/5/07</u>			
HS	70303 Art III/IV	(1 of 2)	9	MS			

\*\* The data above does not include special education or topic classes which range from 1-13 students.

Middle School Section Size Distribution  
Based on October 1, 2007 Enrollments

Department	Section Size	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
	No. of Sections																								
MS English	1																								
Mean: 22.1	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
	10																								
MS Social Studies	1																								
Mean: 22.0	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
MS Mathematics	1																								
Mean: 21.2	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
MS Science	1																								
Mean: 22.4	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
MS World Lang	1																								
Mean: 18.1	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
	Median																								

Weston High School Section Size Distribution  
Based on October 1, 2006 Enrollments

Department	Section Size	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	No. of Sections																												
HS English	1																												
Mean: 21.1	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
HS Social Studies	1																												
Mean: 20.8	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
HS Mathematics	1																												
Mean: 19.3	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
HS Science	1																												
Mean: 20.6	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
	12																												
HS World Languages	1																												
Mean: 19.2	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
	Median																												

Section Size Statistics for Certain Departments  
Middle School and High School

Based on October 1, 2007 Enrollments

	98-99 Range	98-99 Median	98-99 Mean	99-00 Range	99-00 Median	99-00 Mean	00-01 Range	00-01 Median	00-01 Mean	01-02 Range	01-02 Median	01-02 Mean	02-03 Range	02-03 Median	02-03 Mean
<b>Middle School:</b>															
English	16 to 26	22	21.9	12 to 27	23	22.5	17 to 26	22	22.0	13 to 26	21	21.2	13 to 26	22	21.3
Social Studies	18 to 26	21	21.9	16 to 28	22	22.7	17 to 26	23	22.3	13 to 26	22	21.5	12 to 27	22	21.2
Mathematics	12 to 28	21	20.9	15 to 28	24	22.7	12 to 25	21	20.6	12 to 26	21	20.5	9 to 27	21	20.6
World Language	11 to 27	20	19.8	9 to 29	22	21.3	11 to 27	20	19.3	8 to 28	19	18.5	11 to 26	22	18.3
Science	17 to 26	22	21.9	18 to 27	23	22.7	16 to 26	23	22.3	17 to 25	22	21.5	14 to 25	23	21.3

	98-99 Range	98-99 Median	98-99 Mean	99-00 Range	99-00 Median	99-00 Mean	00-01 Range	00-01 Median	00-01 Mean	01-02 Range	01-02 Median	01-02 Mean	02-03 Range	02-03 Median	02-03 Mean
<b>High School:</b>															
English	9 to 25	19	19	6 to 32	19	18.4	10 to 27	21	19.8	4 to 26	20	19.5	12 to 28	21	20.4
Social Studies	11 to 26	20	20.7	9 to 27	21	20	6 to 26	23	21.9	15 to 26	21	20.4	6 to 25	21	20
Mathematics	8 to 28	19	19.2	7 to 30	18	19	8 to 25	20	18.7	10 to 25	19	18.3	10 to 25	18	18.7
World Languages	5 to 24	20	18.7	10 to 25	20	18.9	13 to 27	20	19.8	9 to 25	19	17.9	9 to 25	17	17.9
Science	14 to 25	21	19.9	11 to 24	21	20.2	11 to 24	21	20.4	9 to 24	21	20	12 to 24	21	20.3

	03-04 Range	03-04 Median	03-04 Mean	04-05 Range	04-05 Median	04-05 Mean	05-06 Range	05-06 Median	05-06 Mean	06-07 Range	06-07 Median	06-07 Mean	07-08 Range	07-08 Median	07-08 Mean
<b>Middle School:</b>															
English	15 to 24	21	20.4	14 to 24	21	20.7	16 to 24	21	20.9	16 to 25	21	21.7	17 to 25	23	22.1
Social Studies	14 to 24	21	20.9	15 to 24	20	20.1	17 to 25	21	20.7	16 to 26	21	21.7	15 to 25	22	22
Mathematics	12 to 24	20	20	9 to 35	21	18.5	9 to 26	19	18.5	15 to 26	19	20.6	14 to 24	22	21.2
World Language	14 to 28	20	20	14 to 29	21	19.7	10 to 28	21	20.0	8 to 25	21	17.5	10 to 28	17	18.1
Science	17 to 24	21	20.7	15 to 25	21	20.6	17 to 24	21	20.9	16 to 24	21	21.7	20 to 25	22	22.4

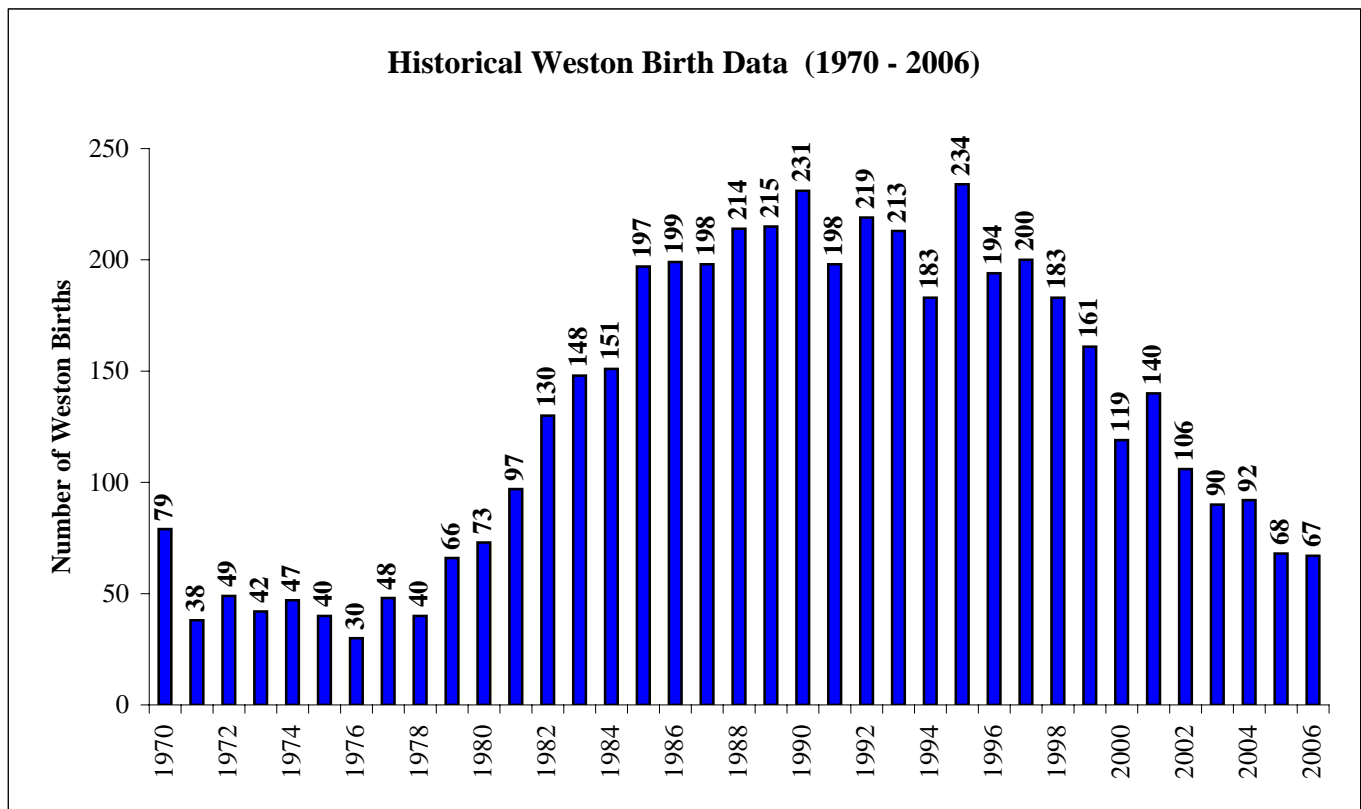
	03-04 Range	03-04 Median	03-04 Mean	04-05 Range	04-05 Median	04-05 Mean	05-06 Range	05-06 Median	05-06 Mean	06-07 Range	06-07 Median	06-07 Mean	07-08 Range	07-08 Median	07-08 Mean
<b>High School:</b>															
English	4 to 25	21	19.7	11 to 25	23	21.7	11 to 26	21	20.3	10 to 25	21	20.3	13 to 25	22	21.1
Social Studies	10 to 25	22	20.6	6 to 26	23	20.3	8 to 25	21	20.0	10 to 25	21	20.8	11 to 25	22	20.8
Mathematics	9 to 25	20	19.1	8 to 27	21	19.4	8 to 27	19	18.6	5 to 25	19	18.5	10 to 25	20	19.3
World Languages	8 to 24	18	18.2	9 to 25	18	18.1	7 to 25	20	18.3	8 to 25	20	18.6	10 to 27	20	19.2
Science	7 to 24	20	19.1	14 to 24	20	18.8	7 to 24	21	20.0	11 to 24	21	20.7	11 to 25	21	20.6

Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table J

Census of Residents Age 0- 5 as of January 1

BIRTH YEAR	CENSUS YEAR, JANUARY OF											
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1991	129											
1992	150	169										
1993	128	134	160									
1994	120	127	135	153								
1995	134	137	144	152	173							
1996		103	113	121	145	156						
1997			133	144	157	187	187					
1998				119	141	163	170	177				
1999					119	135	143	145	161			
2000						100	105	117	119	138		
2001							121	127	140	157	166	
2002								98	106	116	132	129
2003									90	98	111	119
2004										92	103	104
2005											68	77
2006												67
<b>TOTALS</b>	661	670	685	689	735	741	726	664	616	601	512	496



Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table K

Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	10 Year	5 Year	3 Year
Weston Birth Data	98	82	114	96	98	99	106	122	102	136	122	117	93	125	106	Average	Average	Average
School Year	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	Ratios	Ratio	Ratio
Grade K	147	156	156	159	167	168	177	172	181	160	166	167	138	171	141			
Grade K: Birth Data	1.500	1.902	1.368	1.656	1.704	1.697	1.670	1.410	1.775	1.176	1.361	1.427	1.484	1.368	1.330	1.45	1.39	1.39

Year		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Weston Birth Data	Multiplier	125	106	92	84	75	97	97	97	97	97	97
School Year	10 year ratio	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Grades	1.45	Actual Enrollment										
Grade K		171	141	133	122	109	141	141	141	141	141	141

\*\* The Kindergarten projections for school year 2011 through 2019 are based on 97 annual Weston births (average of past 5 years).



K-12 Enrollment History and Projection as of October 1, 2007

Sch year/grade	K	1	2	3	Gr K-3	4	5	Gr 4-5	Gr K-5	6	7	8	Gr 6-8	9	10	11	12	Gr 9-12	Gr 6-12	Gr K-12
y1993-94	147	167	176	124	614	123	130	253	867	140	133	104	377	106	105	117	104	432	809	1676
		12	-1	2		1	3			6	12	-2		0	-3	8	3			
y1994-95	156	159	166	178	659	125	126	251	910	136	152	131	419	104	103	113	120	440	859	1769
		10	0	3		6	3			4	5	-1		-6	-10	2	-4			
y1995-96	156	166	159	169	650	184	128	312	962	130	141	151	422	125	94	105	109	433	855	1817
		4	7	6		5	1			2	0	-1		-15	-5	3	-7			
y1996-97	159	160	173	165	657	174	185	359	1016	130	130	140	400	136	120	97	98	451	851	1867
		7	17	15		15	4			0	7	3		-23	3	-9	-4			
y1997-98	167	166	177	188	698	180	178	358	1056	185	137	133	455	117	139	111	93	460	915	1971
		9	15	7		2	4			1	0	3		-20	-1	-3	-1			
y1998-99	168	176	181	184	709	190	184	374	1083	179	185	140	504	113	116	136	110	475	979	2062
		9	1	8		7	6			-1	-2	0		3	-7	4	-8			
y1999-00	177	177	177	189	720	191	196	387	1107	183	177	185	545	143	106	120	128	497	1042	2149
		9	6	6		8	2			2	-2	2		-11	0	0	0			
y2000-01	172	186	183	183	724	197	193	390	1114	198	181	179	558	174	143	106	120	543	1101	2215
		9	-4	4		2	-1			-3	-5	-5		-10	-7	-4	2			
y2001-02	181	181	182	187	731	185	196	381	1112	190	193	176	559	169	167	139	108	583	1142	2254
		4	3	-11		6	3			-4	3	4		-12	2	-6	1			
y2002-03	160	185	184	171	700	193	188	381	1081	192	193	197	582	164	171	161	140	636	1218	2299
		13	16	4		4	3			-9	0	3		-12	-9	-7	-1			
y2003-04	166	173	201	188	728	175	196	371	1099	179	192	196	567	185	155	164	160	664	1231	2330
		6	7	2		-4	-4			-2	0	-5		-14	-3	0	-1			
y2004-05	167	172	180	203	722	184	171	355	1077	194	179	187	560	182	182	155	163	682	1242	2319
		8	15	3		3	-3			6	-8	1		-15	5	-8	0			
y2005-06	138	175	187	183	683	206	181	387	1070	177	186	180	543	172	187	174	155	688	1231	2301
		8	5	13		-2	6			-2	6	-3		-1	-2	-3	3			
y2006-07	171	146	180	200	697	181	212	393	1090	179	183	183	545	179	170	184	177	710	1255	2345
		12	5	11		4	7			4	4	1		2	2	1	1			
y2007-08	141	183	151	191	666	204	188	392	1058	216	183	184	583	185	181	171	185	722	1305	2363
		9	8	8		1	3			1	1	-1		-5	0	-3	1			
y2008-09	133	153	188	162	636	195	211	406	1042	192	220	184	596	186	187	182	172	727	1323	2365
y2009-10	122	142	161	196	622	163	198	361	983	212	193	219	625	179	186	184	183	732	1357	2340
y2010-11	109	131	150	169	560	197	166	364	924	199	213	193	605	214	179	184	185	762	1367	2291
y2011-12	141	118	139	159	557	170	200	371	928	167	200	213	580	187	214	176	185	762	1343	2271
y2012-13	141	150	126	148	565	160	173	333	899	202	169	200	570	207	187	212	177	784	1354	2252
y2013-14	141	150	158	135	584	149	163	312	896	175	203	168	545	194	208	185	213	800	1345	2241
y2014-15	141	150	158	167	616	136	152	288	904	164	176	202	542	163	195	205	186	748	1290	2194
y2015-16	141	150	158	167	616	168	139	307	923	153	165	175	493	197	163	192	206	758	1251	2174
y2016-17	141	150	158	167	616	168	171	339	955	140	154	165	459	170	197	160	193	720	1179	2134

\*\* The Kindergarten projections for school year 2011 through 2019 are based on 97 annual Weston births (average of past 5 years).

<b>Building Permits Issued</b>		
<b>Year</b>	<b>Permits Issued for New Construction</b>	<b>Permits Issued for Additions and/or Renovations</b>
2006	24	201
2005	52	258
2004	36	184
2003	27	195
2002	27	169
2001	45	152
2000	37	167
1999	27	226
1998	32	233
1997	38	246
1996	62	242
1995	28	231

<b>Age Distribution of Residents</b>		
<b>Year of Birth</b>	<b>Count of Residents</b>	<b>Approximate Age</b>
Pre-1920	197	85+
1920-1929	546	77-86
1930-1939	819	67-76
1940-1949	1308	57-66
1950-1959	1801	47-56
1960-1969	1566	37-46
1970-1979	422	27-36
1980-1989	1275	17-26
1990-1999	2081	7-16
2000-present	860	0-7
Total	10875	